

MODEL HET01-R

Description:

- Digital Wall Timer
- Program upto 18 on of settings
- Daylight savings time feature
- 15Amp 1800W 120V



Reference	QTY.	Remarks	Project:
			Location:
			Architect:
			Engineer:
			Contractor:
			Submitted by:
			Date:

ORTECH INDUSTRIES INC.

CERTIFICATIONS

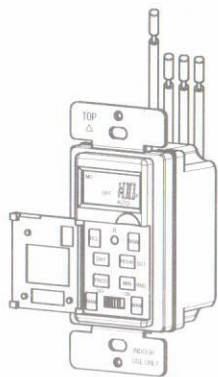
13376 COMBER WAY
 SURREY, BC, V3W 5V9
 CANADA
 Phone: 1-888-543-6473



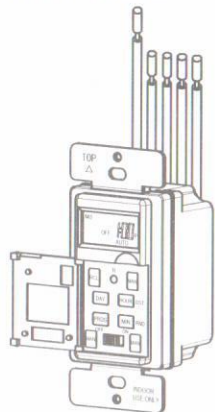
www.ortechindustries.com

INSTALLATION INSTRUCTIONS

HET01-R / HET01-3R 7-DAY DIGITAL IN-WALL TIMER



HET01-R



HET01-3R

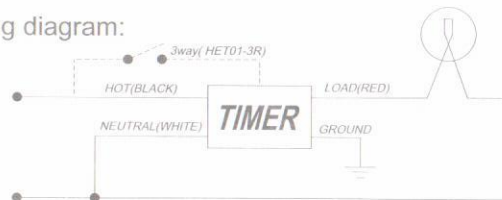
WARNING: Turn off the circuit breaker before installation;
In door use only;



◆ INSTALLATION

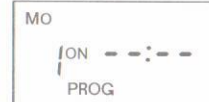
- 1 Remove the existing wall switch.
- 2 Connect the hot wire of the building wires to the black wire from the timer, using the wire nuts provided. Connect the neutral wire of the building wire to the white wire from the timer. Connect the light wire to the red wire from the timer. Be sure that all the wire nuts are secure.
- 3 Tuck the wires into the wall box and leave room for the timer.
- 4 Mount the timer to the wall box with the screws provided, and then install the wall plate.
- 5 Slide the power button to ON, your timer is now ready to set.
- 6 For HET01-3R, the load will be in the opposite state, when pushing the button of the three-way switch.

Wiring diagram:



◆ OPERATION

- 1 Slide the switch to ON
- 2 For the first time use of the timer, push the R button with a ball point to clear all programming and the clock, then push any button to enter into the main program.
- 3 Push and release PROG button, entering into the clock mode. Push and release DAY button to set the day of the week. Push and release HOUR and MIN button to set the current time. Finally, push the MAN button to preserve the clock setting.

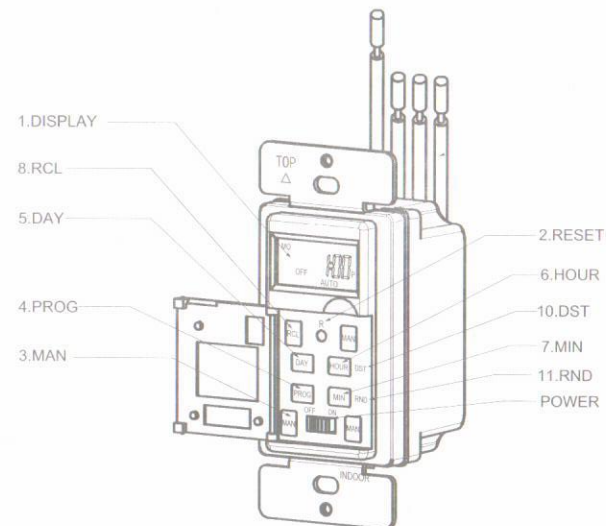


- 4 Push and release PROG button twice, entering into program settings as the right figure.

- 5 Push and release DAY button to set the day of the week. To set the day selection (MO, TU, WE, TH, FR, SA, SU, MO to SUN, MO to FR, SA to SU) by pressing the DAY button. After completing the ON setting, push and release the PROG button for OFF setting, the way is the same as ON setting, then push and release the MAN button to preserve this pair of settings.
- 6 The timer can program up to 18 ON/18 OFF setting pairs, so after completing the first pair of ON/OFF setting, you can push and release PROG directly, entering into the second pair of settings. Other settings are same.

Note:

- a. During the setting progress, the length of time that you stop operating should not exceed 5 seconds, otherwise the setting will fail and screen will return to the original state;
- b. After finishing the clock and all program setting, even though the switch is pushed to OFF, the settings are still keep effective when you reslide the switch to ON.



◆ SPECIFICATIONS

Voltage	120VAC, 60Hz
Resistive	15Amps, 1800W
Tungsten	1200W
Motor	1/2Hp

◆ DESCRIPTION

The timer can be programmed to control the regular light switch for energy-saving and security. And it can be set to show the time as a clock. It can control incandescent lights, fluorescent lights, flood lights, stereos, or heavy-duty loads such as air conditioner and motors.

The timer has the following features:

- 1 Automatic or manual operation. Push the MAN button to switch ON or OFF at any time
- 2 It can be set as a clock.
- 3 Program up to 18 ON/18 OFF settings.
- 4 With random feature (RND), the timer can add additional security by varying the ON/OFF times within 30 minutes of the programmed settings.
- 5 Large, easy-to-read digital display, To-the-minute accuracy.
- 6 With Daylight Saving Time feature (DST).

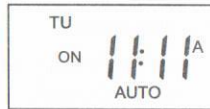
INSTALLATION INSTRUCTIONS

◆ FUNCTION FOR" DST" "RND" " RCL"

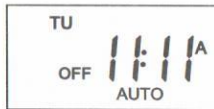
- 1 DST---Press and hold the HOUR button for 5 seconds, entering into the Daylight Saving Time(DST) mode and time on clock will advance one hour; Press and hold for another 5 seconds to cancel the DST function and time on clock will fall back one hour.
- 2 RND---Press and hold the MIN button for 5 seconds, entering into the Random Vacation option for extra security by varying the ON/OFF times within 30 minutes of the programmed settings.
Press and hold the MIN button for another 5 seconds to cancel the function.
- 3 RCL---It allows you to disable or enable the programmed ON/OFF settings.
 - a. push and release the RCL, the display will replace the setting with dashes.
 - b. repush and release the RCL, the display will show the previous programmed settings.

◆ MAN MODES

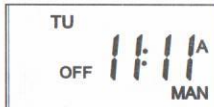
- 1 AUTO ON MODE:In AUTO ON mode the wired lights are on. The wired lights will be off until the next programming OFF time.
You can push MAN button while in AUTO mode to manually override the program and turn the wired lights on or off. The programmed switching times remain.



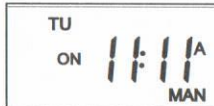
- 2 AUTO OFF MODE:In the AUTO OFF mode the wired lights are off. The wired lights will be on until the next programming on time.You can push MAN button while in AUTO mode to manually override the program and turn the wired lights on or off. The programmed switching times remain



- 3 MANUAL OFF MODE: In the MANUAL OFF mode the wired lights are off.You can push MAN button to ON mode and turn the wired lights ON.



- 4 MANUL ON MODE: In the MANUAL ON mode the wired lights are on. You can push MAN button to OFF mode and turn the wired lights OFF.



◆ WARRANTY INFORMATION

If within three(3) years from the date of purchase, this product fails due to a defect in material or workmanship, we will repair or exchange it, at its sole option free of charge. This warranty does not apply to: (a) damage to units caused by accident, dropping or abuse in handling, acts of God or any negligent use; (b) units which have been subject to un-authorized repair, opened, taken apart or otherwise modified; (c) unit not used in accordance with instruction; (d) damages exceeding the cost of the product; (e) finish on any portion of the product, such as surface and weathering, as this is considered normal wear and tear; (g) transit damage, initial installation costs, removal costs, or rein-installation costs.

This warranty service is available by returning the product with proof of purchase, purchase date and a description of the problem to the dealer from whom the unit was purchased.

Nov.2010